

**STATEMENT UNDER 37 CFR 3.73(b)**

Patent Owner: Allison Advanced Development Company

Application No./Patent No.: 10/799,223

Filed/Issue Date: March 12, 2004

Entitled: SEPARABLE BLADE TURBINE

Allison Advanced Development Company, a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 015091, Frame 0813, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

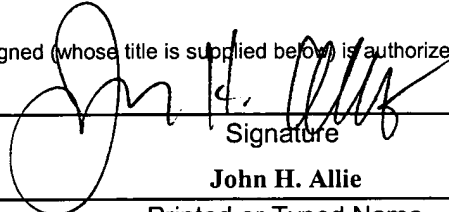
1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document (s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

  
\_\_\_\_\_  
Signature

John H. Allie  
Printed or Typed Name

Attorney for Assignee

Title

1/18/2005  
\_\_\_\_\_  
Date

317-261-7944  
Telephone number



Doc Code:

PTO/SB/80 (11-04)  
Approved for use through 11/30/2005. OMB 0651-0035  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO**

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☒ Practitioners associated with the Customer

23643

OR

☐ Practitioner(s) named below (If more than ten practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☒ The address associated with Customer

23643

OR

☐ Firm or

Address

City

State

Zip

Country

Telephone

Fax

Assignee Name and Address:

Allison Advanced Development Company, Inc.  
P.O. Box 7162  
Indianapolis, IN 46206-7162

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

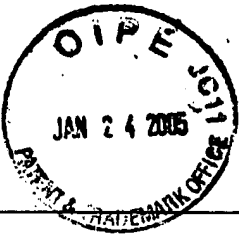
**SIGNATURE of Assignee of Record**

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature	<i>Daniel M. Barbieri</i>	Date	1-14-05
Name	DANIEL M BARBIERI	Telephone	317-230-5446
Title	LEGAL COUNSEL		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



UNITED STATES PATENT AND TRADEMARK OFFICE

6001-1002

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

SEPTEMBER 08, 2004

PTAS

WOODARD, EMHARDT, MORIARTY, ET AL  
JOHN H. ALLIE  
111 MONUMENT CIRCLE, SUITE 3700  
INDIANAPOLIS, INDIANA 46204



\*102698932A\*

RECEIVED  
SEP 15 2004

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

Woodard, Emhardt, Moriarty,  
McNitt & Henry LLP

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/12/2004

REEL/FRAME: 015091/0813

NUMBER OF PAGES: 9

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

DUNDAS, JASON E.

DOC DATE: 03/05/2004

ASSIGNOR:

FREEMAN, TED J.

DOC DATE: 03/12/2004

ASSIGNEE:

ALLISON ADVANCED DEVELOPMENT  
COMPANY

P.O. BOX 7162

INDIANAPOLIS, INDIANA 46206-7162

SERIAL NUMBER: 10799223

FILING DATE: 03/12/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: SEPARABLE BLADE PLATFORM

015091/0813 PAGE 2

ALLYSON PURNELL, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

03-19-2004

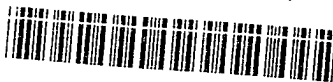
Form PTO-1595

(Rev. 08/03)

OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings → → →

RECOF



102698932

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks

Original documents or copy thereof.

## 1. Name of conveying party(ies):

Jason E. Dundas

Ted J. Freeman

## 2. Name and address of receiving party(ies)

Name Allison Advanced Development Company

Internal Address

Street Address P. O. Box 7162

City Indianapolis State IN Zip 46206-7162

Additional name(s) & address(es) attached? ☐ Yes ☒ NoAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other:

Execution Date: March 5, 2004; March 12, 2004

## 4. Application number(s) or registration number(s):

If this document is being filed together with a new application, the execution date of the application is: March 12, 2004

A. Patent Application No.(s)

A. Patent No.(s)

Additional number(s) attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name John H. Allie

Internal Address Woodard, Emhardt, Moriarty, McNett,

&amp; Henry LLP

Street Address 111 Monument Circle

Suite 3700

City Indianapolis State IN ZIP 46204

## 6. Total number of applications and patents involved: 1

\$ 40.00

## 7. Total fee (37 CFR 3.41)

☒ Enclosed☐ Authorized to be charged to deposit account

## 8. Deposit account number:

23-3030

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

John H. Allie

Name of Person Signing

Signature

March 12, 2004

Date

Total number of pages including cover sheet, attachments, and document: 9

Mail documents to be recorded with required cover sheet information to:

Director of the U.S. Patent and Trademark Office, Mail Stop Assignment Recordation Services

P.O. Box 1450, Alexandria, VA 22313-1450

or VIA FACSIMILE (703) 306-5995 006001-001002.JHA.269220

03/17/2004 DEMMANU1 00000025 10799223

03 FC:8021

40.00 DP

"Express Mail" label number EV 894104699 US

Date of Deposit March 12, 2004

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Signature of person mailing paper or fee

## ASSIGNMENT

WHEREAS, Jason E. Dundas of 365 Larrilee Street, Post Falls, Idaho, 83854; and Ted J. Freeman of 1976 Water Oak Way, Avon, Indiana, 46123, hereinafter referred to as Assignors; have made one or more new and useful inventions in **SEPARABLE BLADE PLATFORM** for which Assignors have made or will make application for Letters Patent of the United States (hereinafter the "Application"); and

WHEREAS, Allison Advanced Development Company, hereinafter referred to as Assignee, a corporation of the State of Delaware, having a principal place of business at P. O. Box 7162, Indianapolis, IN 46206-7162, desires to acquire all of the entire right, title, and interest in, to and under the one or more inventions disclosed, described and claimed or intended so to be in the Application, and in, to and under the Application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained therefor and thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignors in hand paid, the receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under the one or more inventions disclosed, described and claimed or intended so to be in the Application entitled **SEPARABLE BLADE PLATFORM**, and any and all other applications thereon and arising therefrom, including any and all applications claiming the benefit thereof, and any and all divisions, continuations, and continuation-in-parts thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

Assignors acknowledge that the Application was executed concurrently herewith unless a different execution date is indicated in item (a) below. Assignors hereby authorize the Assignee, its counsel, or its agents to fill-in some or all of the following list of information items (a) through (c) at the discretion of the Assignee, its counsel, or its agents:

(a) Execution Date of the Application: \_\_\_\_\_.

(b) Patent Office Number for the Application: \_\_\_\_\_.

(c) Filing date of the Application: \_\_\_\_\_.

Assignors hereby authorize and request the Honorable Assistant Secretary and Commissioner of Patents and Trademarks to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignors agree to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

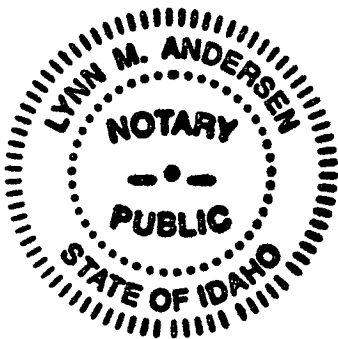
WITNESS First Assignor's hand this 5<sup>th</sup> day of March, 2004.

Jason E. Dundas  
Jason E. Dundas

STATE OF Idaho )  
COUNTY OF Kootenai ) : ss

Before me, a Notary Public, in and for said County and State, personally appeared Jason E. Dundas, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 5<sup>th</sup> day of March, 2004.



Lynn M. Andersen  
Notary Public

Printed: Lynn M. Andersen

Resident of Kootenai County

My Commission Expires:

1/18/2008



WITNESS Second Assignor's hand this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Ted J. Freeman

STATE OF INDIANA                    )  
  ): ss  
COUNTY OF \_\_\_\_\_)

Before me, a Notary Public, in and for said County and State, personally appeared Ted J. Freeman, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Notary Public

Printed: \_\_\_\_\_

Resident of \_\_\_\_\_ County

My Commission Expires:

\_\_\_\_\_

## ASSIGNMENT

WHEREAS, Jason E. Dundas of 365 Larrilee Street, Post Falls, Idaho, 83854; and Ted J. Freeman of 1976 Water Oak Way, Avon, Indiana, 46123, hereinafter referred to as Assignors, have made one or more new and useful inventions in **SEPARABLE BLADE PLATFORM** for which Assignors have made or will make application for Letters Patent of the United States (hereinafter the "Application"); and

WHEREAS, Allison Advanced Development Company, hereinafter referred to as Assignee, a corporation of the State of Delaware, having a principal place of business at P. O. Box 7162, Indianapolis, IN 46206-7162, desires to acquire all of the entire right, title, and interest in, to and under the one or more inventions disclosed, described and claimed or intended so to be in the Application, and in, to and under the Application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained therefor and thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignors in hand paid, the receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under the one or more inventions disclosed, described and claimed or intended so to be in the Application entitled **SEPARABLE BLADE PLATFORM**, and any and all other applications thereon and arising therefrom, including any and all applications claiming the benefit thereof, and any and all divisions, continuations, and continuation-in-parts thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

006001-001002.JHA.262444

1

Assignors acknowledge that the Application was executed concurrently herewith unless a different execution date is indicated in item (a) below. Assignors hereby authorize the Assignee, its counsel, or its agents to fill-in some or all of the following list of information items (a) through (c) at the discretion of the Assignee, its counsel, or its agents:

(a) Execution Date of the Application: \_\_\_\_\_

(b) Patent Office Number for the Application: \_\_\_\_\_

(c) Filing date of the Application: \_\_\_\_\_

Assignors hereby authorize and request the Honorable Assistant Secretary and Commissioner of Patents and Trademarks to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignors agree to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

WITNESS First Assignor's hand this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Jason E. Dundas

STATE OF \_\_\_\_\_ )  
\_\_\_\_\_) : ss  
COUNTY OF \_\_\_\_\_ )

Before me, a Notary Public, in and for said County and State, personally appeared Jason E. Dundas, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this \_\_\_\_\_ day of \_\_\_\_\_, 2004.


\_\_\_\_\_  
Notary Public

Printed: \_\_\_\_\_

Resident of \_\_\_\_\_ County

My Commission Expires:  
\_\_\_\_\_

WITNESS Second Assignor's hand this 12<sup>th</sup> day of MARCH, 2004.

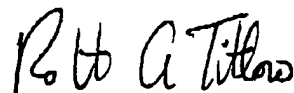
  
\_\_\_\_\_  
Ted J. Freeman

STATE OF INDIANA )  
COUNTY OF MARION ) : ss

Before me, a Notary Public, in and for said County and State, personally appeared Ted J. Freeman, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 12<sup>th</sup> day of MARCH, 2004.



  
\_\_\_\_\_  
Notary Public  
Printed: ROBERT A TITLOW  
Resident of MARION County

My Commission Expires:

27 APR 2008